



LUBE M - SAE 5W-30

100% synthetic “Mid SAPS” oil for gasoline and diesel engines.

USES

Specifically developed for MERCEDES passenger cars and light commercial vehicles which require MB-Approval 229.52/MB 229.51 oil. This oil is suitable for most MERCEDES diesel engines and certain types of gasoline engines.

LUBE M - SAE 5W-30 also meets ACEA C3, ACEA C2, API SN and GM-OPEL dexos2™ specifications.

This fuel economy oil is suitable for a wide range of uses in diesel and gasoline engines from various manufacturers which meet one of the specifications below.

Approvals:

MB-Approval 229.52 & 229.51
(MB-Approval 229.51 exceeds MB 229.31)

Specifications:

ACEA C3 & ACEA C2; API SN
GM-Opel dexos2™



MAIN PHYSICAL DATA

		Methods	Units	5W-30
Density at	20°C	ASTM D4052	kg/m ³	849
Kinematic viscosity at	40°C	ASTM D445	mm ² /s	70
Kinematic viscosity at	100°C	ASTM D445	mm ² /s	12
Viscosity index		ASTM D2270		169
Pour point		ASTM D97	°C	-45
Cleveland Open Cup Flash Point		ASTM D92	°C	222
Dynamic viscosity at	-30°C	ASTM D5293	mPa·s	5300
HTHS viscosity (150°C)		CEC L-036-90	mPa·s	3.51
Sulphated ash		ASTM D874	% mass	0.76
Total Base Number (TBN)		ASTM D2896	mgKOH/g	7.2

The data given in this table represents typical production values and should not be taken as specifications.

PROPERTIES & ADVANTAGES

- ▶ “Mid SAPS” formula containing lower levels of sulphated ash, phosphorous and sulphur extends the service life of particulate filters and catalytic converter systems.
- ▶ The ACEA C2 specification helps reduce fuel consumption and pollutant emissions, particularly CO₂.
- ▶ High viscosity at high temperatures provides excellent engine protection.
- ▶ High detergent/dispersant properties ensure a clean engine and mean deposits can be easily removed during oil changes.
- ▶ Increased protection against wear and corrosion.
- ▶ Allows for safe extended oil change intervals.



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